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WESTERN UNIVERSITY OF PENNSYLVANIA BULLETIN

DENTAL DEPARTMENT ANNOUNCEMENT

Vol. 3—June, 1907—No. 6

# PITTSBURGH DENTAL COLLEGE

Pride and Bluff Sts., Pittsburgh, Pa.

SESSION OF 1907-1908

## CATALOG AND CIRCULAR OF INFORMATION

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# CATALOG AND CIRCULAR OF INFORMATION

OF THE

# PITTSBURGH DENTAL COLLEGE

DENTAL DEPARTMENT
OF THE
WESTERN UNIVERSITY OF PENNSYLVANIA

SESSION OF NINETEEN HUNDRED SEVEN
AND NINETEEN HUNDRED EIGHT

For further information, address
H. E. FRIESELL, D.D.S., Dean,
Pride and Bluff Sts., Pittsburgh, Pa.

## HISTORY

The Western University of Pennsylvania is the oldest institution of learning, with one exception (the University of Nashville), in the United States, west of the Appalachian Mountain range. It came into being as the Pittsburgh Academy in the year 1786, and was formally incorporated by Act of Legislature in February, 1787. It was re-incorporated as the Western University of Pennsylvania in February, 1819. It has educated in whole or in part more than six thousand of the young men of Western Pennsylvania and adjacent States, and its alumni have filled many of the most distinguished offices in the gift of the Commonwealth and the nation.

The growth of the institution has been rapid in more recent years, and the University is to-day the most largely attended institution of learning in its class in the State of Pennsylvania, with the single exception of its sister institution—University of Pennsylvania, located in Philadelphia.

The University has the following departments:

Collegiate and Engineering Department.
Department of Law.
Department of Medicine.
Department of Pharmacy.
Department of Dentistry.

## SUMMARY OF STUDENTS BY DEPARTMENTS

### SESSION OF 1906-1907

| | |
|---|---|
| Collegiate | 71 |
| Engineering | 116 |
| Law | 111 |
| Medicine | 345 |
| Pharmacy | 198 |
| Dentistry | 125 |
| Total | 966 |

### CALENDAR FOR 1907-1908

1907.
September 2.....Monday—Infirmary opens.
October 1..... Tuesday—Winter Term begins.

*Recess from December 23 to January 1, inclusive.*

1908
June 4.....Monday—Spring Term begins.
June 10..... Wednesday—Commencement.

# BOARD OF TRUSTEES

Date Elected.

*Class I, Term Expires 1907*

1882. John Crockar White, D.D. . . . . *Pittsburgh*
1890. Benjamin Thaw, A.B. . . . . *Pittsburgh*
1893. James Crear Dunn, M.D. . . . . *Pittsburgh*
1894. Daniel Henry Wallace, Ph.B. . . . . *Pittsburgh*
1894. William Lucien Scaife, Ph.B., C.E. . . . . *Allegheny*
1895. Andrew Carnegie, LL.D. . . . . *New York*
1896. Robert Pitcairn . . . . . *Pittsburgh*
1898. Josiah Copley Thaw, B. S. . . . . *Pittsburgh*
1904. J. Chris Lange, M.D. . . . . *Pittsburgh*
1906. Maitland Alexander, D.D. . . . . *Pittsburgh*

*Class II, Term Expires 1908*

1882. Rt. Rev. Cortlandt Whitehead, D.D. . . . . *Pittsburgh*
1889. William Jacob Holland, LL.D., Ph.D. . . . . *Pittsburgh*
1891. John Alfred Brashear, ScD., LL.D. . . . . *Allegheny*
1900. Calvin Wells . . . . . *Allegheny*
1902. George Hubbard Clapp, Ph.B. . . . . *Pittsburgh*
1902. Alexander Dempster . . . . . *Pittsburgh*
1904. Joseph Leonard Levy, D.D. . . . . *Pittsburgh*
1904. Henry Percival Bope . . . . . *Pittsburgh*
1905. Thomas Woodhouse Bakewell, A.M. . . . . *Pittsburgh*
1906. Howard Heinz . . . . . *Pittsburgh*

*Class III, Term Expires 1909*

1891. Thomas Dorrington Carnahan, A.M. . . . . *Pittsburgh*
1891. Hon. James Hay Reed, LL.D. . . . . *Pittsburgh*
1892. Cyrus Black King, M.D. . . . . *Allegheny*
1893. Andrew William Mellon, A.M. . . . . *Pittsburgh*
1890. James Henry Lockhart, A.B. . . . . *Pittsburgh*
1901. Emil August Schaefer, Pharm.D., Ph.D. . . . *Pittsburgh*
1902. Hon. John Douglass Shafer, LL.D. . . . . *Pittsburgh*
1903. Thomas Harlan Baird McKnight . . . . . *Pittsburgh*
1903. Thomas Patterson, A.M. . . . . *Pittsburgh*
1903. Charles Felton Scott, A.B. . . . . *Pittsburgh*

*Ex-Officio:*

Samuel Black McCormick, D.D., LL.D., Chancellor. . . . . *Pittsburgh*
Hon. George Wilkins Guthrie, Mayor . . . . . *Pittsburgh*
Hon. Charles F. Kirschler, Mayor . . . . . *Allegheny*

# FACULTY

**SAMUEL BLACK McCORMICK, D.D., LL.D.,**
Chancellor.

---

**H. EDMUND FRIESELL, D.D.S., Dean,**
Professor of Operative Dentistry and Crown and Bridge Work.

**OWEN LOVEJOY HERTIG, A.M., D.D.S.,**
Professor of Dental Pathology and Therapeutics, and Operative Clinician.

**HARRY STEWART HASLETT, D.D.S.,**
Professor of Prosthetic Dentistry, Anæsthetics and Extracting.

**JOHN STEWART ASHBROOK, D.D.S.,**
Professor of Dental Anatomy, Dental Medicine, and Comparative Dental Anatomy.

**STEWART LEROY McCURDY, A.M., M.D.,**
Professor of Anatomy, Oral and General Surgery.

**CLEMENT RUSSELL JONES, M.D.,**
Professor of General Pathology, Materia Medica and Therapeutics.

**DAVID WILLARD FLINT, D.D.S,**
Professor of Orthodontia.

**WILLIAM LINCOLN FICKES, D.D.S.,**
Professor of Dental Ceramics.

**FREDERICK AUGUSTUS RHODES, M.D.,**
Professor of Physiology and Embryology.

**ALBERT FLOYD JUDD, Pharm.D.,**
Professor of Physics, Chemistry and Metallurgy.

**FREDERICK CHARLES FRIESELL, D.D.S.,**
Professor of General and Dental Histology.

## LECTURERS

**RALPH LAUSON SMITH, Esq.,**
Lecturer on Dental Jurisprudence.

**RUSSELL HERBERT BOGGS, M.D.,**
Lecturer on Electricity and Rœntgen Rays.

## DEMONSTRATORS AND ASSISTANTS

**ROBERT ZUGSMITH, D.D.S.,**
Crown and Bridge Work.

**ABRAM CHRISTY BARCLAY, D.D.S.,**
Operative Dentistry.

**FRANK HOWARD MAGILL, D.D.S.,**
Operative Dentistry.

**J. HOWARD CRAWFORD, D.D.S.,**
Prosthetic Dentistry.

**FRANK SMITH POST, M.D.,**
Anatomical Laboratory.

**FREDERICK JOHN BLUMENSCHEIN, Pharm.D.,**
Chemistry.

**ANDREW BENNETT WALLGREN, M.D.,**
Anatomy.

**GEORGE G. MEYER, D.D.S.,**
Operative Dentistry.

**JOHN FLOCKER BIDDLE, D.D.S.,**
Operative Dentistry and Orthodontia.

**JOHN GRAYSON FITZHUGH, D.D.S.,**
Operative Dentistry.

**JOSEPH R. COTTOM, D.D.S.,**
Operative Dentistry.

**ORLO CLIFTON SCHLAG, D.D.S.,**
Operative Dentistry.

**CECIL OLIVER BOOTH, D.D.S.,**
Prosthetic Dentistry.

**H. C. FELDSTEIN, M.D.,**
Physiology.

**GEORGE W. POLLOCK, M.D.,**
Anatomy.

## GENERAL INFORMATION

The Pittsburgh Dental College is the Dental Department of the Western University of Pennsylvania.

Senior students who have passed the required grades and have otherwise complied with the rules of the College are recommended by the Faculty of the department to the Board of Trustees of the University for their degree, the same being conferred by the Chancellor.

Diplomas are signed by the Faculty of the Dental Department, and the Chancellor and President of the Board of Trustees, and to them is attached the seal of the University.

A candidate for the degree of Doctor of Dental Surgery must have attended three full courses of lectures in some reputable dental college, the last one of which must be in this school. He must be 21 years of age, and of good moral character.

## REQUIREMENTS FOR ADMISSION

Extracts from the Code of Rules of the National Association of Dental Faculties:

"The minimum preliminary educational requirement of colleges of this Association shall be a certificate of having passed the second year of a high school, or its equivalent, the preliminary examination to be placed in the hands of any state or county superintendent of public instruction."

"No member of this Association shall give credit for a full course to students admitted later than ten days after the opening of the session, as published in the announcement."

"That students in attendance at colleges of this Association, to obtain credit for a full term, must be and remain in attendance until the close of the session."

Students presenting credentials from reputable schools, medical, scientific or literary, for work done in branches taught in this school, and covering these branches fully or in clearly definite part, will be credited for such work, provided that such credits shall amount to as much as one-half year.

## COURSES OF INSTRUCTION

### FRESHMAN YEAR

1. Operative Dentistry—Lectures and Technic Course.
4. Prosthetic Dentistry—Lectures and Laboratory.
6. Dental Anatomy—Lectures and Technic Course.
9. Anatomy.
10. Dissecting.
12. General Chemistry and Physics—Lectures and Laboratory.
13. Materia Medica.
17. Physiology and Embryology.
18. General Histology—Lectures and Laboratory.

### JUNIOR YEAR

1. Operative Dentistry—Lectures and Technic Course.
2. Crown and Bridge Work—Lectures and Technic Course.
4. Prosthetic Dentistry—Lectures and Laboratory.
7. Comparative Dental Anatomy.
9. Anatomy.
10. Dissecting.
11. Principles of Surgery.
12. Inorganic Chemistry—Lectures and Laboratory.
14. General Pathology and Therapeutics—Lectures and Laboratory.
17. Physiology.
18. Dental Histology—Lectures and Laboratory.

### SENIOR YEAR

1. Operative Dentistry.
2. Crown and Bridge Work—Lectures and Technic Course.
3. Dental Pathology and Therapeutics.

5. Anæsthesia and Extracting.
8. Dental Medicine.
9. Oral Surgery.
12. Organic Chemistry—Lectures and Laboratory.
12. Metallurgy—Lectures and Laboratory.
13. Materia Medica.
15. Orthodontia—Lectures and Technic Course.
16. Dental Ceramics—Lectures and Technic Course.
19. Electro-Therapeutics.
20. Dental Jurisprudence.
1. Infirmary Practice.
3. Special Operative Clinics.

## DEPARTMENTS OF INSTRUCTION

### 1. OPERATIVE DENTISTRY

*Professor H. E. Friesell*

The principles and practice of Operative Dentistry are taught by the application of systematic procedures to operations in classes, so that a correct judgment may be formed as to their application in particular operations.

The same method of instruction will be applied by clinical instructors, the classes being divided into sections.

Modern and accepted methods will be exemplified.

#### INSTRUMENTS

Each student, before beginning his work, is required to procure the instruments necessary for his use, a list of which will be furnished. Each Senior student is required to have a dental engine.

All materials used upon patients, including medicines, napkins, rubber dam, etc., furnished by the college.

### OPERATIVE TECHNICS

*Professor Friesell and Dr. Meyer*

FIRST YEAR. 1 Lecture, 3 hrs. Laboratory.

The object of this course is to make the student thoroughly familiar with the organs to be operated upon, together with the principles that underlie all operations upon the teeth, and to provide a systematic course in manual training.

Students will have before them teeth of each denomination, so that right conceptions of form and the relations of the tissues may be studied.

Systematic nomenclature will be taught.

Cutting of sections of each tooth will be practiced.

The surface outlines, markings, and the comparative size and location of the internal cavities of each tooth will be considered.

SECOND YEAR. 1 Lecture, 6 hrs. Laboratory.

*Professor Friesell and Dr. Magill*

This course includes: sectioning of teeth through various surfaces in order to gain a knowledge of the inception and progress of caries; the preparation of cavities of each class in enlarged plaster models; preparing cavities in extracted teeth and celluloid tooth forms, and filling the same with gold; the use of the various forms of gold and other filling materials; opening, enlarging and filling root canals; bleaching, scaling, and as far as possible all operative procedures in detail; instruments and instrumentation.

THIRD YEAR. 2 Lectures 1st Semester, 1 Lecture 2d Semester.

*Professor Friesell*

A review of the technical procedures taught in the preceding years will be followed by a course of lectures and recitations covering the whole field of the principles and practice of Operative Dentistry.

The Operative Clinic is open daily from ten to four o'clock throughout the year, except during the months of July and August, and is in charge of the professor and demonstrators of operative dentistry. The principles learned in the technic course are carried out in the infirmary, and this course is made as much like an actual practice as possible.

## 2. CROWN AND BRIDGE WORK

*Professor H. E. Friesell and Dr. Zugsmith*

SECOND YEAR. 1 Lecture, 6 hrs. Laboratory.

A complete course in crown work, including the preparation of roots and the making of all the acceptable styles of crowns, is covered.

THIRD YEAR. 1 Lecture, 6 hrs. Laboratory.

Bridge Work, both fixed and removable; the repairing of crowns and bridges, and the whole subject of gold inlays are treated in the Senior year. Baked crowns and porcelain bridges are covered in the department of Ceramics.

### 3. DENTAL PATHOLOGY AND THERAPEUTICS

*Professor Hertig*

THIRD YEAR. 1 Lecture, 2 hrs. Clinic.

Lectures from this chair will comprise instruction in the principles of dental pathology, indication and elements of disease, pathological dentition, pathological eruptions, dental caries and its results, odontalgia, periodontitis, alveolar abscess, necrosis, pyorrhoea alveolaris, and all the various diseases of the teeth and associate parts, with the therapeutic agents and materials used in the treatment and correction of the same.

Private operative clinics, covering every practical operation, will be given before the Senior class in sections.

### 4. PROSTHETIC DENTISTRY

*Professor Haslett, Dr. Crawford and Dr. Booth*

FIRST YEAR. 1 Lecture, 12 hrs. Laboratory and Demonstrations.

The course will cover Prosthetic Technics, followed by the preparation of the mouth for dentures, impressions, methods of constructing various bases, the treatment of metals and alloys which may be of value in dentistry, and the study of temperaments in their relation to the teeth and their arrangement.

SECOND YEAR. 1 Lecture, 12 hrs. Laboratory and Demonstrations.

Continuous Gum Work, Artificial Vela, methods of making and adjusting appliances for fracture of the maxillæ, and practical work in the clinic.

### 5. ANÆSTHESIA AND EXTRACTING

*Professor Haslett*

THIRD YEAR. 1 Lecture and Demonstration.

Anæsthesia will be taught by lectures, and by demonstrations in

the infirmary; will cover the whole field of local and general anæsthetics, the use, complications and dangers of each, and the means of preventing and treating accidents arising from their use.

Particular attention will be given to difficult cases of Extraction, impacted teeth, etc., and the treatment of hemorrhage and such other accidents as may accompany extracting.

## 6. DENTAL ANATOMY

*Professor Ashbrook and Dr. Meyer*

FIRST YEAR. 1 Lecture, 2 hrs. Laboratory.

This course will consist of the drawing, modeling and carving of the various teeth, and the study of their surfaces, ridges, fossæ, grooves, etc.

Systematic nomenclature; the importance of the proper contact of approximating teeth; normal occlusion, and the relation of the teeth to the soft tissues receive thorough consideration.

## 7. COMPARATIVE DENTAL ANATOMY

*Professor Ashbrook*

SECOND YEAR. 1 Lecture.

In this division of general anatomy the student will be taught comparative anatomy by the study of Animal Life, beginning with the lowest forms, and leading up to the highest in regular gradation; taking the teeth seriatim from the lowest types, and showing their progressive evolution from simple to complex forms, demonstrated by skulls, models, charts and stereopticon.

This subject is a strong factor in emphasizing the importance of the law of occlusion.

## 8. DENTAL MEDICINE

*Professor Ashbrook*

THIRD YEAR. 1 Lecture.

This course will cover fully all remedial agents that belong properly to the special field of dental medicine, and will discuss briefly the most important general remedies that may be available in dental diseases and emergencies.

## 9. ANATOMY

*Professor McCurdy and Dr. Wallgren*

FIRST YEAR. 1 Lecture, 1 Quiz.

Instruction in this department consists of lectures and demonstrations of the anatomy of the entire body, special lectures being given upon regions of the face, head and neck.

The course is divided, osteology and syndesmology being treated previous to the holidays, and the muscles and blood-vessels after the holidays.

SECOND YEAR. 1 Lecture.

Surgical and Topographical Anatomy of face receives special attention, as the study of the various parts is considered.

Ante-holiday, Nervous System; Post-holiday, Organs of Special Sense and Viscera.

## 10. PRACTICAL ANATOMY

*Dr. Post*

FIRST AND SECOND YEARS. 2 hrs. daily during period of dissecting.

Students are required to make a complete dissection during the Freshman and Junior years.

To facilitate the study of Anatomy, boxes containing a half skeleton are given the student upon a deposit of $5.00, returnable upon return of box and the contents as it was received; or, student may keep the box, if he so desire, at no extra cost.

## 11. GENERAL AND ORAL SURGERY

*Professor McCurdy and Dr. Pollock*

SECOND YEAR. 1 Lecture 1 Quiz.

The Junior course covers: general principles, including repair; acute infections and the results; surgical fevers; erysipelas; shock; general diagnosis; diseases of the vascular systems; asepsis and antisepsis; anæsthetics, and principles in operations, wounds and emergencies.

THIRD YEAR. 1 Lecture.

Includes: diseases of the structures of the oral cavity, the an-

trum and other cavities; diseases and injuries of the gums, alveolar process and tongue; diseases, injuries and neuroses of the face; congenital defects of the face and mouth; diseases of bone; tuberculosis; venereal diseases; diseases of the salivary glands; neuralgia; tumors; ankylosis; fractures; dislocations; general conditions producing oral manifestations, and oral diseases producing general symptoms; plastic surgery, and prosthesis.

Operations in hospitals and clinical cases at the College will give the student an opportunity to make a practical study of cases.

A course in Physical Diagnosis is given in order that graduates of this school may be able to make an intelligent examination of the heart and lungs preparatory to the administration of an anæsthetic.

## 12. CHEMISTRY

*Professor Judd and Dr. Blumenschein*

The department of Chemistry includes general physics, general and inorganic chemistry, metallurgy, organic chemistry, and chemistry of anæsthetics. The teaching is by lectures, recitations and laboratory practice, continuous throughout three years.

### GENERAL PHYSICS

First Year. 3 hours.

Properties of matter, theory of constitution of matter, states of matter, physical measurements, metric system of measures, volume, mass and density, specific gravity, force and equilibrium, hydraulics, hydrostatics and pneumatics, motion, velocity and acceleration, composition and resolution of forces, Newton's laws, gravitation, work, energy and power, machines, temperature and thermometry, specific heat, effects of heat, sound, radiant energy, light, electrostatics, electro-kinetics, sources of electric current, properties of electric current, uses of electric currents, dental applications of electricity.

### GENERAL AND INORGANIC CHEMISTRY

Second Year. 3 hours.

Lectures, recitations and laboratory practice. The course is begun with a brief review of the history of the subject, the scope of the science, and its relation to the other physical sciences and to dentistry, with a consideration of the notation and nomenclature

employed in modern chemistry. When this preliminary work has been accomplished, the important elementary substances are taken up in order of their natural classification, and separately lectured upon. Contemporaneous with the lectures, every member of the class receives laboratory practice, which includes the preparation (when possible) of each element in the free state, the study of its leading characters and of its characteristic reactions. When the elements have all received consideration in this manner the class is given a brief drill in qualitative analysis, with practice in the identification of inorganic chemical substances in simple mixtures.

### METALLURGY

THIRD YEAR. 3 hours.

Lectures, recitations and laboratory practice. The work is carried on with lectures and recitations from lessons assigned from the text-book. After the general principles of the subject have been reviewed, the manufacture and properties of amalgams and alloys receive consideration, followed by a study of the individual metals and their uses and application in dentistry, with laboratory practice in identification of metals, and in the manufacture and assay of alloys and amalgams.

### ORGANIC CHEMISTRY AND CHEMISTRY OF ANÆSTHETICS

Lectures, recitations and laboratory practice. The lectures and recitations will be devoted to a consideration of the general principles of the chemistry of the Carbon Compounds, their classification and uses. In the laboratory the student is expected to prepare a series of the more important members, and to study their principal reactions and means of identification.

## 13. MATERIA MEDICA

*Professor Jones*

FIRST YEAR. 1 Lecture.

During the early portion of the Freshman year special attention will be given to the definition of words and phrases, their derivation and signification with reference to their use in Materia Medica, Therapeutics and Pharmacy. After this, the most important drugs

in general use will be taken up and considered separately, with reference to their physiological effects, doses, methods of administration, their toxic effects, antidotes, etc. The same method of teaching is continued through the course.

THIRD YEAR. 1 Lecture.

A review of the first year's work in Materia Medica and Therapeutics, and a further consideration of these subjects as applied to dentistry.

## 14. GENERAL PATHOLOGY AND THERAPEUTICS

*Professor Jones*

SECOND YEAR. 1 Lecture, 1 hr. Laboratory.

A thorough knowledge of General Pathology is necessary before the more advanced branches or special branches can be properly understood. Hence the object of the teaching in this department is to unfold to the student the fundamental principles of the subject, and bring them within his comprehension; also to increase his interest in the study of the subject, to obtain a knowledge of the inception and course of pathological processes, their changes and effects upon the organism as manifested in abnormal conditions.

## 15. ORTHODONTIA

*Professor Flint*

THIRD YEAR. 1 Lecture and Demonstrations.

Normal Occlusion, the etiology and classification of malocclusion, physiology of tooth movement, character of tissues involved, modern methods and appliances for the correction of malposed teeth, and correction as related to the harmony of the facial lines, facial art, are all included in the instruction in this branch.

The technical course consists of free-hand soldering, soldering and adjusting combination appliances, and making of accurate models. The work is illustrated by stereopticon, charts and models, and demonstrated by clinical cases.

## 16. DENTAL CERAMICS

*Professor Fickes and Dr. Biddle*

THIRD YEAR. 1 Lecture, 12 hrs. Laboratory.

Instruction in this course will consist of one lecture each week,

supplemented by demonstrations, in detail, of practical, operative and prosthetic porcelain work.

The more important subjects are: The history and development of the porcelain art; the composition, characteristics and manipulation of porcelain compounds; the source of heat employed; the use and care of furnaces, and descriptions and demonstrations of all the more important methods of inlay, crown and bridge and continuous gum work.

## 17. PHYSIOLOGY AND EMBRYOLOGY

*Professor Rhodes and Dr. Feldstein*

FIRST YEAR. 1 Lecture, 1 Quiz.

The teaching in this branch will consist of lecture, quizzes and practical demonstrations.

In the lectures it will be the aim of the teaching to continually keep in mind the fact that the normal condition must be understood before the abnormal can be known. The student will be taught, as far as possible, to form his conclusions from facts of personal observation, and from those given to him by the demonstrations of the professor.

Each and every structure of the body will be shown, its function and its relation to every other structure. Special attention will be given to the subjects of blood, circulation, digestion and the nervous system, where these are so closely identified with important laws of interest to the dental student.

The lectures will be supplemented by quizzes, and each student will be required to pass an examination in all subjects which have been taught.

SECOND YEAR. 1 Lecture, 1 Quiz.

Muscle and nerve physiology, production of the voice, central nervous system, brain, spinal cord, reproductive organs, embryology and development are considered.

## 18. HISTOLOGY

*Professor F. C. Friesell and Dr. Crawford*

FIRST YEAR. 1 Lecture and Laboratory.

The course in Histology consists of a systematic presentation of the subject of the minute anatomy of the various parts of the body,

partly by lectures, and more especially by the practical study of actual specimens under the microscope. The methods of preparation of microscopical specimens are presented and practiced in the laboratory.

The work in microscopy is preparatory to the subject of histology, and consists of a course of lectures upon the construction and manipulation of the compound microscope, with practice by the student in preparation of temporary and permanent mounts, including the technique of embedding, sectioning and staining, both of hard and soft tissues.

The laboratory is supplied with microscopes and all the apparatus necessary to render the student familiar with the subject of microscopical technique, as well as the normal Histology of the various tissues and organs of the body. Students are required to mount at least twenty-five slides.

SECOND YEAR. 1 Lecture and Laboratory.

Lectures on Dental Histology embrace the origin, development, tissues and the functions of the teeth, and the development of the superior and inferior maxillary bones. The dental tissues; enamel, dentine, cementum, peridental membranes, periosteum, the tooth pulp, the other soft tissues of the mouth, and a short course in embryology of the dental structures.

## PATHOLOGICAL LABORATORY

Laboratory work in pathology and bacteriology is carried on in conjunction with histology. Slides of pathological conditions, including tumors, diseases of the liver, kidneys, lungs, etc., are prepared.

The bacteriological laboratory is equipped with a high-power microscope, containing oil-immersion lens, Abbe condenser and iris-diaphragm. It also contains incubator, dry and moist sterilizers, and every variety of apparatus known to modern bacteriology.

Students are taught rapid staining and mounting of secretions, principles of sterilization, method of isolating bacteria, technique of making plates, study of colonies, staining, mounting and examination of the more common varieties of bacteria, with special reference to bacteria found in the mouth.

## 19. ELECTRICITY—X-RAY

*Dr. Russell H. Boggs*

THIRD YEAR. 1 Lecture, part of Second Semester.

X-Ray and electricity, as applied to dentistry, have been added to the list of branches taught in the college. The students will be taught the uses of radiography, and will be given instruction in preparing and developing plates after they are made. The course will cover instruction in electrophysics, electrophysiology and electrotherapeutics, and the control of electricity as a motor power.

## 20. DENTAL JURISPRUDENCE

*Ralph L. Smith, Esq.*

THIRD YEAR. 1 Lecture, part of Second Semester.

The course of lectures on this branch will cover the subjects of dental witnesses, rights and liabilities of dental practitioners, including the law of crimes, negligence and contracts, as applied to the practice of the profession, together with a discussion of the history of dental legislation in general, and of the statutes in force in Pennsylvania regulating the practice of dentistry.

The aim will be to furnish a correct idea of the general principles of the law as applied to the practice of Dentistry; and to present the subject with a view to making it of practical worth. Students will be required to keep concise, but complete, notes of the lectures.

## TEXT BOOKS

*Freshman Year*—ANATOMY, Gray; DENTAL ANATOMY, Black; PHYSIOLOGY, Stewart or Kirke; MATERIA MEDICA AND THERAPEUTICS, Potter; DENTAL MEDICINE, Long; DENTAL PROSTHESIS, American Text-Book, Essig; CHEMISTRY, Bartley; DICTIONARY, Dorland or Gould; HISTOLOGY, Radasch.

*Junior Year*—COMPARATIVE DENTAL ANATOMY, Thompson; OPERATIVE DENTISTRY, American Text-Book, Kirk; ORAL SURGERY, McCurdy; BACTERIOLOGY, McFarland; METALLURGY, Essig, Beal.

*Senior Year*—DENTAL PATHOLOGY AND THERAPEUTICS, Burchard; DENTAL MEDICINE, Long; ORTHODONTIA, Angle.

# FEES

## FRESHMAN YEAR

Matriculation (paid but once) ..... $ 5.00
Term ticket ..... 150.00

## JUNIOR YEAR

Term ticket ..... $150.00

## SENIOR YEAR—1907-1908

Term ticket ..... $100.00
Pathological Chemistry (including Urinalysis) ..... 2.00
Graduation and Diploma ..... 30.00

Fee for dissecting, $5.00 per part.
Athletic Fee, $5.00.

NOTE.—The Pittsburg Dental College is a member of the National Association of Dental Faculties, and conforms to all its regulations.

## EXAMINATIONS

Examinations are held in the various branches taught, at stated periods during the term and at the close of the year.

The marking for examination is based on a scale of 100. Students, to pass their class examinations, must attain an average grade of at least 70 and must not fall below 60 in any study.

Students of the Freshman and Junior classes falling below 60 in any study will be given the privilege of a second examination before the opening of the next winter term. A student may, however, be admitted to the class in advance if he be conditioned upon not more than two branches; but he must, during the term, pass examination in these branches before he can be examined on the studies of the year upon which he has entered.

## GRADUATION

Candidates for the degree of Doctor of Dental Surgery must have attended three full courses of lectures in a regular dental college, or its equivalent (as required by the rules of the National Association of Dental Faculties), the last of which must have been in

this institution. They must be twenty-one years of age and of good moral character and must bring before the professors of Operative and Prosthetic Dentistry such evidence of proficiency in practical dentistry as they may require.

## REGULAR TERM

The regular winter term begins October 1, 1907, and continues for eight months, or until June 1, 1908.

STUDENTS MUST MATRICULATE BEFORE OCTOBER 11TH TO OBTAIN CREDIT FOR THE TERM, EXCEPT IN CASE OF SICKNESS. PHYSICIAN'S CERTIFICATE, 10 DAYS ALLOWED.

Students who fail to enter their names on the matriculation book or make application for admission before October 11th may enter upon the payment of $50.00. No time credit can be given upon such attendance.

## FALL AND SPRING TERMS

The Infirmary is open from September 1st to July 1st of the following year. During this time patients in abundance are furnished the students for practical work. During the Spring and Fall terms, the Senior and Junior classes have an opportunity to complete their requirements in practical work. During these courses daily clinics are given by the Professors or Demonstrators.

## NOTES

Seats and laboratory privileges are assigned in order of matriculation.

Since distilled water is furnished for drinking purposes, there need be no fear of contracting fevers or other diseases.

The Faculty will be glad to advise parents, when so desired, of the progress and general conduct of students.

According to the regulations of the College no fees are returnable. Should the student discontinue his studies, any fee or fees paid will hold good for a subsequent course, but they are not transferable.

Fees are payable in two instalments; half at the time of entering, and no student is formally entered until this fee is paid, half during the month of January. No student is permitted to enter upon final examinations at the close of the term without a ticket of admittance, which is evidence that all fees are paid, and that he has

passed all previous examinations. Graduation fee is returnable to those who fail to pass.

A deposit of two dollars is required from each student to constitute a damage fund, out of which school property damaged by students is repaired, when the particular offender is unknown.

Each student will be required to supply himself with the required outfit for laboratory work in histology and bacteriology.

Grades and cards are withheld from students who have not complied with the rules of the College.

Checks should be made payable to the Pittsburgh Dental College.

For catalog and further information address,

DR. H. E. FRIESELL, DEAN,
Pride and Bluff Streets, Pittsburgh, Pa.

## SENIOR CLASS

Amos, Alvin Curtis.. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Indiana
Banbury, Winfred Foster.. .. .. .. .. .. .. .. .. .. .. .. .. ..Kansas
Baxter, Aaron Reimer.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Blumenschein, Carl William.. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Blumenthal, Adolph Abram.. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Boisseau, Charles Henry.. .. .. .. .. .. .. .. .. .. .. .. .. ..Missouri
Burgoon, Walter Francis.. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Butler, Charles Voyle.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Campbell, Clyde Sparks.. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Duvall, Wilbur Edwin.. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Illinois
Fawcett, Clarence Blaine.. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Hollstein, William Adolph.. .. .. .. .. .. .. .. .. .. .. .. .. ..Ohio
Horner, Willard Craighead (Craighead).. .. .. .. .. .. ..Pennsylvania
Husler, David Pomerene.. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Hutchinson, DeWitt Pritchard.. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Kelly, Herbert Augustus.. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Leonhard, Albert Frederick.. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Lewis, William E.. .. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Lurting, Alexander Newton, Jr.. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Miller, Harry Browne.. .. .. .. .. .. .. .. .. .. .. .. ..West Virginia
Momjan, Andrew Homer (Martin).. .. .. .. .. .. .. .. .. ..Armenia
Moroney, Richard James.. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Neill, Clyde Hamlin.. .. .. .. .. .. .. .. .. .. .. .. .. ..West Virginia
Reith, Charles Adam.. .. .. .. .. .. .. .. .. .. .. .. .. .. ..New York
Rhodes, Alvin De Witt.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Ritchie, Walter.. .. .. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Illinois
Robison, Edward McCready.. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Schlag, Stanley Snyder.. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Smiley, Edgar William.. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Waddill, Leslie.. .. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Missouri

## JUNIOR CLASS

Ayres, Robert.. .. .. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Banbury, Quince.. .. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Kansas
Biddle, David Richard.. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Cannon, Walter Furman.. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Carpenter, James Harrison.. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Donaldson, Samuel Foster.. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania

Frye, Jay Millard.. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Goodman, Maurice.. .. .. .. .. .. .. .. .. .. .. ..New York
Hawkins, Edward Samuel.. .. .. .. .. .. .. .. .. ..Pennsylvania
Heckel, Henry William.. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Hoffman, Frank Homer.. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Howard, Orville McCormick.. .. .. .. .. .. .. .. ..Pennsylvania
Johnston, Bert Bright.. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Jones, Claude William.. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Jung, Charles.. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Kaminski, Joseph.. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Kensley, George Porter.. .. .. .. .. .. .. .. .. ..Pennsylvania
King, Albert Everly.. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Klawuhn, Frederick.. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Klicka, Rudolph.. .. .. .. .. .. .. .. .. .. .. .. ..Bohemia
Kyle, James Franklin.. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Laufer, George Leonard.. .. .. .. .. .. .. .. .. ..Pennsylvania
Little, Bernard William.. .. .. .. .. .. .. .. .. ..Pennsylvania
Little, William Arthur.. .. .. .. .. .. .. .. .. ..Pennsylvania
Marcus, Clara Ethel.. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Miller, Bernard Tannehill.. .. .. .. .. .. .. .. ..Pennsylvania
Minium, William Henry.. .. .. .. .. .. .. .. .. ..Pennsylvania
Morrow, Norman Lee.. .. .. .. .. .. .. .. .. .. ..Pennsylvania
McClelland, George Andrew.. .. .. .. .. .. .. .. ..Pennsylvania
McClintock, Thomas Charles.. .. .. .. .. .. .. ..Pennsylvania
Perry, Theodore Vincent.. .. .. .. .. .. .. .. .. ..Oklahoma
Petry, Jacob.. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Puhl, Claude William.. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Ralston, Samuel Beryl.. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Reed, Mathew La Vaine.. .. .. .. .. .. .. .. .. ..Pennsylvania
Rinard, Arthur Garfield.. .. .. .. .. .. .. .. .. ..Pennsylvania
Robison, William Robert.. .. .. .. .. .. .. .. .. ..New York
Severin, John Joseph.. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Stern, John Anthony.. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Sturgeon, James Glenn.. .. .. .. .. .. .. .. .. ..Pennsylvania
Sullivan, John Cumming.. .. .. .. .. .. .. .. .. ..Pennsylvania
Taylor, Charles Ernest.. .. .. .. .. .. .. .. .. ..Pennsylvania
Thomas, John Oscar.. .. .. .. .. .. .. .. .. .. .. .. ..Ohio
Waldron, Frank William.. .. .. .. .. .. .. .. .. ..Pennsylvania
Williams, Carl.. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania

## FRESHMAN CLASS

Acken, Raymond Vincent.. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Barto, William John.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Brown, Carl Sutton.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Buck, William Arthur.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Campbell, Joseph Francis.. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Carson, William Platt.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Cook, William E.. .. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Craig, Edgar Martin.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Cuden, Charles Sol.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Curtis, Harry Allen.. .. .. .. .. .. .. .. .. .. .. .. .. .. ..New York
Delozier, Elwood Joseph.. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Donaldson, Earl McBride.. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Emrick, Samuel Dwight.. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Ervin, Samuel Judson.. .. .. .. .. .. .. .. .. .. .. .. .. ..New York
Ferren, Omer Stewart.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Firestone, Samuel.. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Folsom, Frank Todd.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Frazier, James Bruce.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Friday, Ralph William.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Gallagher, Frank Alphonsus.. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Guffey, James Roy.. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Hill, William Arthur.. .. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Ohio
Hoffman, Charles Freaman.. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Horner, Frank Cree.. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Ivory, Florence.. .. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Kison, Herbert Stifel.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Koontz, Albert Freeman.. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Larimer, Alexander Patterson.. .. .. .. .. .. .. .. .. .. ..Pennsylvania
LaRosa, Gaetano.. .. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Lewis, Howard Earl.. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Little, Leo Thomas.. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Lovell, Harry Curtis.. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Moore, Louis Brenton.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Moore, Ralph James.. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
Moran, Joseph Michael.. .. .. .. .. .. .. .. .. .. .. .. ..West Virginia
Myers, William Elliott.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
McCampbell, James Harvey Reed.. .. .. .. .. .. .. .. .. ..Pennsylvania
McCarthy, Charles J.. .. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania
McNary, Carl McQuaris.. .. .. .. .. .. .. .. .. .. .. .. .. ..Pennsylvania

| | |
|---|---|
| Neal, Max | Pennsylvania |
| Neiman, Pauline | Pennsylvania |
| Ries, Alfred | Ohio |
| Roberts, Ernest Ray | Pennsylvania |
| Roe, Homer Carroll | Pennsylvania |
| Rumbaugh, Roy | Pennsylvania |
| Sedwick, Jesse David | Pennsylvania |
| Silverstein, Elizabeth | Pennsylvania |
| Sleeth, Paul Nevin | Pennsylvania |
| Sweeney, William James | Pennsylvania |
| Wick, James Garfield | Pennsylvania |

## OFFICERS OF THE ALUMNI ASSOCIATION OF THE PITTSBURGH DENTAL COLLEGE

| | |
|---|---|
| D. WILLARD FLINT, '98 | President |
| T. A. HOGAN, '99 | Vice President |
| F. CHARLES FRIESELL, '98 | Secretary and Treasurer |
| J. HOWARD CRAWFORD, '05 | Corresponding Secretary |

Meeting 1 P. M., day preceding Commencement Day, in Amphitheatre of the College.

## GRADUATES

| | | |
|---|---|---|
| Abraham, Alfred Core. | Brownsville, Pa. | 1903 |
| Ache, John Byron | Dunbar, Pa. | 1906 |
| Ackerson, L. E | Penn Run, Pa | 1899 |
| Alan, H. J | Masonic Block, Greenville, Pa | 1899 |
| Allen, Jos. A | 2033 Center Ave., Pittsburgh, Pa | 1905 |
| Alter, Chas. H | Arch St., near Sampson, Allegheny, Pa. | 1901 |
| Ambrose, P. A | Sharpsburg, Pa. | 1899 |
| Anderson, Claude D | Connellsville Pa. | 1904 |
| Anderson, D. F | Carnegie, Pa. | 1899 |
| Anderton, Jno. W | Beaver Falls, Pa | 1905 |
| Anthony, Carlton C | Penn and Winebiddle Aves., Pittsburgh, Pa. | 1906 |
| Arthurs, F. F | Butler, Pa. | 1901 |
| Artman, A. J | Leechburg, Pa. | 1902 |
| Artman, Marion Allen. | Rimersburg, Pa. | 1903 |
| Ashcom, D. S | Fulton Building, Pittsburgh, Pa | 1905 |
| Balsiger, J. H | Butler, Pa. | 1905 |
| Barchfield, M. J | Girard, Ohio | 1899 |
| Barclay, Abram Christie. | 6011 Penn Ave., Pittsburgh, Pa | 1903 |
| Bard, Alexander Eugene. | Lewis Block, Pittsburgh, Pa | 1903 |
| Bassett, F. H | Wheeling, W. Va | 1898 |
| Baxter, N. J | Greensburg, Pa. | 1898 |
| Bayly, G. F | 320 The Holland, Lima, Ohio | 1905 |
| Beatty, Robert W | Box 18, Saltsburg, Pa | 1904 |
| Bedford, Bruce W | 8 S. Franklin St., Titusville, Pa | 1906 |
| Beebe, Willis H | Mission St., Pittsburgh, Pa | 1906 |
| Bell, Emil F | 7308 Kelly St., Pittsburgh, Pa | 1904 |
| Bender, F. G | Stoystown, Pa. | 1905 |
| Benz, Philip B., Jr | 1213 Southern Ave., Carrick, Pa | 1904 |
| Biddle, John Flocker | Arch St., near Parkway, Allegheny, Pa. | 1903 |
| *Bingham, J. C | Washington, Pa. | 1905 |
| Blair, C. R | Latrobe, Pa. | 1899 |
| Blair, Ross Boyde | Waynesburg, Pa. | 1903 |
| Boarts, Jos. A | Greensburg, Pa. | 1905 |
| Boner, J. C | Beechtree, Jefferson Co., Pa | 1902 |
| Booth, C. O | 304 Forbes Building, Pittsburgh, Pa | 1905 |
| Bower, A. T | Federal St., Allegheny, Pa | 1897 |

*Deceased.

| | | |
|---|---|---|
| Boyd, I. L. | Sharpsburg, Pa. | 1900 |
| Brace, G. W. | Washington, D. C. | 1900 |
| Brice, Chas. Greenwall. | 570 Homewood Ave., Pittsburgh, Pa. | 1903 |
| Brinkman, C. E. | 400 Federal St., Allegheny, Pa. | 1905 |
| Brinton, Robert S. | 286 Pitts St., New Castle, Pa. | 1904 |
| Brown, Harry J. | South Side, Pittsburgh, Pa. | 1898 |
| Brown, W. S. | 223 40th St., Pittsburgh, Pa. | 1901 |
| Brownfield, Leslie W. | First Nat. Bank Bldg., Uniontown, Pa. | 1902 |
| Buchanan, James L. | Harrisville, Pa. | 1906 |
| Buterbaugh, F. C. | 1200 Wylie Ave., Pittsburgh, Pa. | 1902 |
| Butler, Wm. C. | Denver, Col. | 1899 |
| Calvert, C. H. | 205 E. Ohio St., Allegheny, Pa. | 1900 |
| Campbell, Edgar Warren. | Worthington, Pa. | 1903 |
| Carroll, C. E. | Knoxville, S. S., Pittsburgh, Pa. | 1901 |
| Chessrown, J. H. | Youngstown, Ohio | 1901 |
| Christy, R. R. | Reidsburg, Pa. | 1901 |
| Churchill, M. E. | Barnesboro, Pa. | 1902 |
| Clark, Eugene Alfonso. | 811 Ann St., Homestead, Pa. | 1903 |
| Clark, Walter Scott. | Burgettstown, Pa. | 1903 |
| Clovis, Ray M. | Uniontown, Pa. | 1906 |
| Cochran, E. E. | Karns City, Pa. | 1905 |
| Cochran, I. L. | Irwin, Pa. | 1901 |
| Cole, W. G. | Claysville, Pa. | 1905 |
| Coleman, Harry Clifford. | Ridgeway, Pa. | 1903 |
| Conaway, W. B. | Bristol, W. Va. | 1902 |
| Conn, F. L. | Morris Crossroads, Pa. | 1900 |
| Conrad, John H. | Johnstown, Pa. | 1906 |
| Conwell, P. C. | Blairsville, Pa. | 1901 |
| Cook, Frank N. | 1008 Fifth Ave., Pittsburgh, Pa. | 1899 |
| Copeland, A. G. | Tarentum, Pa. | 1905 |
| Cottom, Joseph R. | Railroad St., Dawson, Pa. | 1906 |
| Craig, H. R. | South Lorain, Ohio | 1905 |
| Craig, R. M. | Dennison, Ohio | 1900 |
| Cratty, M. G. | Butler, Pa. | 1905 |
| Crawford, J. H. | Diamond Bank Bldg., Pittsburgh, Pa. | 1905 |
| Crawford, S. M. | Kensington, Ohio | 1902 |
| Crawshaw, O. G. | Dawson, Pa. | 1900 |
| Creery, Clark Leander. | Ebensburg, Pa. | 1903 |
| Cromwell, Howard Earl. | Somerset, Pa. | 1903 |
| Crooks James B. | Imperial, Pa. | 1904 |
| Crow, Benj. K. | Point Marion, Pa. | 1904 |

| | | |
|---|---|---|
| Crow, F. L. | Charleroi, Pa. | 1899 |
| Crow, Jesse | Morris Crossroads, Pa | 1900 |
| Cunningham, F. W. | Zelienople, Pa. | 1905 |
| Currie, Warren John | Bakerstown, Pa. | 1903 |
| Dale, G. C. | Grove City, Pa | 1900 |
| Davidson, W. E. | McKeesport, Pa. | 1905 |
| Davis, Claud Melvin | Zypho, W. Va | 1903 |
| Davis, R. B. | Barreforge, Pa. | 1905 |
| Deeds, T. A. | Pittsburgh Life Bldg., Pittsburgh, Pa. | 1902 |
| Dennis, Chas. B. | Conneaut Lake, Pa | 1899 |
| DeRoy, A. I. | 217 Fifth Ave., Pittsburgh, Pa | 1902 |
| Deterding, F. H. | Ohio St., Allegheny, Pa | 1905 |
| Deucker, Adam | Malakoff St., S. S., Pittsburgh, Pa. | 1899 |
| Dickie, Clark Johnson. | Vandergrift, Pa. | 1903 |
| Dietrich, A. E. | West End Bank Bldg., Pittsburgh, Pa. | 1900 |
| Donaldson, William R. | Bulger, Pa. | 1904 |
| Dougherty, Frank H. | Fulton Building, Pittsburgh, Pa | 1906 |
| *Douthett, Scott H. | | 1902 |
| Dowden, James E. | Fairmount, W. Va | 1906 |
| Dreutlein, B. H. | Akron, Ohio | 1901 |
| Duncan, D. R. | 1228 Resaca St., Allegheny, Pa | 1900 |
| Dunn, Wallace Hays | 4200 Penn Ave., Pittsburgh, Pa. | 1903 |
| Earnest, S. P., M.D. | Delmont, Pa. | 1898 |
| Earsman, J. S., M.D. | Homestead, Pa. | 1900 |
| Eckley, H. | Cresson, Pa. | 1905 |
| Elliott, Claud C. | Kittanning, Pa. | 1899 |
| Elliott, W. J. | Box 711, Turtle Creek, Pa | 1905 |
| Ellis, C. H. | 911 Third Ave., New Brighton, Pa. | 1902 |
| Erbey, W. F. | 104 Washington Ave., Pittsburgh, Pa. | 1898 |
| Evans, John Jeffreys | 1200 Fifth Ave., Pittsburgh, Pa | 1903 |
| Evans, Wm. C. | Brownsville, Pa. | 1899 |
| Evans, W. M. | 221 Fifth Ave., Pittsburgh, Pa | 1900 |
| Farrell, F. F. | 5200 Butler St., Pittsburgh, Pa | 1901 |
| *Fausner, Oscar | New York City | 1899 |
| Fawcett, D. W. | McKeesport, Pa. | 1899 |
| Finney, H. E. | New Kensington, Pa | 1901 |
| Fitzhugh, John G. | Keystone Bldg., McKeesport, Pa. | 1906 |
| Foote, A. L., Ph.G. | 5003 Liberty Ave., Pittsburgh, Pa. | 1898 |

*Deceased.

| | | |
|---|---|---|
| Ford, W. H. | Cambridge Springs, Pa. | 1905 |
| Frampton, Aylett Rains. | Wheeling, W. Va. | 1903 |
| Frank, Claud Andrew... | Oil City, Pa., R. D. Route No. 1 | 1903 |
| Frank, J. S. W. | Braddock, Pa. | 1900 |
| *Frazier, J. W. | | 1900 |
| Freshwater, M. J. | Jeannette, Pa. | 1902 |
| Freyer, Emil | Chestnut St., Allegheny, Pa. | 1901 |
| Friesell, F. C. | 6120 Center Ave., Pittsburgh, Pa. | 1898 |
| Fulton, J. L. | Glenfield, Pa. | 1900 |
| Gallagher, W. H. | Braddock, Pa. | 1905 |
| Gamble, G. P. | McKeesport, Pa. | 1899 |
| Garman, J. Ross. | Garman's Mills, Pa. | 1904 |
| Gatts, J. F. | Bijou Building, Pittsburgh, Pa. | 1901 |
| Getty, William Edward.. | Meyersdale, Pa. | 1903 |
| Gibson, M. R. | 6200 Penn Ave., Pittsburgh, Pa. | 1902 |
| Giles, D. G. | Warren Ave., Apollo, Pa. | 1902 |
| Glenn, Miss M. L. | 1408 Fremont St., Allegheny, Pa. | 1900 |
| Glotfelty, Webster B.... | Sharpsburg, Pa. | 1903 |
| Gould, F. L. | Wylie Ave., Pittsburgh, Pa. | 1901 |
| Graham, Richard Joseph. | Ligonier, Pa. | 1903 |
| Grant, H. E. | Emlenton, Pa. | 1902 |
| Grazier, John H. | Johnstown, Pa. | 1906 |
| Greer, W. J. | Stoneboro, Pa. | 1905 |
| *Griffiths, D. J. | McKeesport, Pa. | 1899 |
| Griffiths, Mrs. L. L. | Federal St., Allegheny, Pa. | 1901 |
| *Griffiths, W. S. | | 1900 |
| Guckert, C. S. | 737 E. Ohio St., Allegheny, Pa. | 1902 |
| Hampson, Frank Leslie.. | Claysville, Pa. | 1903 |
| Hartley, H. Tyson. | 4245 Dunkeld Place, Pittsburgh, Pa. | 1904 |
| Hawkins, Ed. C. | Bessemer Building, Pittsburgh, Pa. | 1899 |
| Heath, Edmund P. | Clairton, Pa. | 1906 |
| Held, J. W. | Freeport, Pa. | 1901 |
| Heminger, J. R. | Lavinsville, Pa. | 1900 |
| Hendry, Howard M. | 713 N. Fourth St., Steubenville, O. | 1903 |
| Hess, Herbert | Wilkinsburg, Pa. | 1902 |
| Heyl, A. W. | Evans City, Pa. | 1902 |
| Hieber, C. W. | 2801 Penn Ave., Pittsburgh, Pa. | 1900 |
| Hindman, W. J. | Butler, Pa. | 1900 |

*Deceased.

Hipple, John S.....New Bethlehem, Pa.....1906
Hitchins, J. E.....Walnut St., McKeesport, Pa.....1901
Hobaugh, J. R.....Wilkinsburg, Pa. .....1900
Hogan, T. A.....524 Penn Ave., Pittsburgh, Pa.....1899
*Holland, Wm. Stanley.....1903
Holmes, J. Mc.....209 Ninth St., Pittsburgh, Pa.....1900
Holroyd, W. J.....1405 Fifth Ave., Pittsburgh, Pa.....1899
Horner, Carl S.....Connellsville, Pa. .....1899
Horner, R. F.....Homestead, Pa. .....1901
Horrocks, G. W.....Wilmerding, Pa. .....1901
Horvitz, Miss Pauline...1821 Fifth Ave., Pittsburgh, Pa.....1901
Howard, A. C.....Uniontown, Pa. .....1901
Howard, H. D.....Westinghouse Bldg., Pittsburgh, Pa...1901
Hughes, P. B.....Brookville, Pa. .....1900
Hughes, Wm. G.....6314 Penn Ave., Pittsburgh, Pa.....1899
Hum, H. C.....Federal and Isabella, Allegheny, Pa...1900
Humbert, Wellington Q.Grove City, Pa.....1904
Humphrey, Jesse G.....Erie, Pa. .....1906
*Hunn, F. C.....Beaver, Pa. .....1898
Hunt, C. W.....Harmony, Pa. .....1898
Hysong, J. H.....Braddock, Pa. .....1902
Imbrie, W. D.....Clintonville, Pa. .....1901
Jackson, William A.....Tarentum, Pa. .....1903
James, C. C.....20 Arch St., Allegheny, Pa.....1900
Jamison, R. B.....Court St., New Castle, Pa.....1901
Jenkins, Benjamin F....Jeannette, Pa. .....1906
Johnson, M. P.....Pittsburgh Life Bldg., Pittsburgh, Pa..1901
Jones, J. M.....Youngwood, Pa. .....1905
Kaiser, Oliver Van G...532 Murtland Ave., Pittsburgh, Pa....1903
Kaltenbaugh, J. A.....1800 Center Ave., Pittsburgh, Pa.....1898
Kelly, Oscar S.....Donora, Pa. .....1904
Kelly, W. A.....Liberty and Sixth Sts., Pittsburgh, Pa.1905
Kennedy, Arthur M....Fayette City, Pa.....1906
Kennedy, O. M.....Wylie Ave., Pittsburgh, Pa.....1899
Kent, W. H.....Waynesburg, Pa. .....1905
*Kerr, J. E.....Manito, Pa. .....1901
Kerr, Robert .....Bradford, Pa. .....1901
King, D. L.....Homestead, Pa. .....1902
King, E. D.....Library St., Braddock, Pa.....1902

*Deceased.

King, Ralph C.....North Hope, Pa.....1904
King, R. E.....Braddock, Pa. .....1899
King, R. S.....Smithfield St., Pittsburgh, Pa.....1900
King, W. H.....Hoover's Run, Pa.....1900
*Kirk, J. B.....Smithfield, Ohio .....1902
Klicka, Gottlieb E.....Austria .....1904
Kramer, Arthur R.....111 E. Main St., Uniontown, Pa.....1903
Kramer, J. N.....1899
Krumpe, Herman E....Frankstown Ave. and Station St., Pittsburgh, Pa. .....1904
Kusler, G. A.....Hawkins Ave., Allegheny, Pa.....1900
Lake, G. C.....Lewis Block, Pittsburgh, Pa.....1901
Latshaw, Orval G.....Parkers Landing, Pa.....1906
Lee, C. O.....Fourth and Church Sts., Winston-Salem, N. C.....1905
Leet, Don S.....Brushton Ave., Pittsburgh, Pa.....1901
Leffingwell, L. G.....Conneautville, Pa. .....1901
Lehner, Harry W.....1929 Sidney St., Pittsburgh, Pa.....1904
Leiber, P. .....1006 Fifth Ave., Pittsburgh, Pa.....1900
Leidenroth, Curt F.....Bellevue, Pa. .....1906
Leonard, E. L.....Meadville, Pa. .....1905
Le Vier, Frederick R...Manor, Pa. .....1906
Limber, Wm. M.....Bedford Ave., Pittsburgh, Pa.....1901
Linhart, A. D.....Elizabeth, Pa. .....1905
Linhart, W. O.....Elizabeth, Pa. .....1902
Livingston, Clyde A....1201 Eighth Ave., Altoona, Pa.....1904
Livingston, Paul .....Penn and Sheridan, Pittsburgh, Pa....1905
Lyon, H. D.....29 Butler, Millvale, Pa.....1905
Lytle, W. B.....Oakdale, Pa. .....1899
Mack, Walter G.....Springdale, Pa. .....1906
Magill, Frank H.....Washington, Pa. .....1904
Maier, L. G.....1511 Juniata St., Allegheny, Pa.....1902
Marquis, L. V.....Nixon Building, Pittsburgh, Pa.....1899
Martin, Job Russell.....Perryopolis, Pa. .....1903
Masters, E. G.....Turtle Creek, Pa.....1905
Masters, F. R.....Wilmerding, Pa. .....1902
Matlack, W. E.....Steubenville, Ohio .....1900
Meals, H. G.....Beaver Ave., Allegheny, Pa.....1900
Mellon, F. R.....Patton, Pa. .....1905

*Deceased.

| | | |
|---|---|---|
| Mendel, W. E. | 405 Ohio St., Allegheny, Pa. | 1905 |
| Meredeth, M. R. | Monongahela, Pa. | 1899 |
| Mertz, C. N. | Bellaire, Ohio | 1901 |
| *Mertz, Earl W. | | 1901 |
| Meyer, G. G. | 2002 Noble St., Swissvale, Pa. | 1905 |
| Middaugh, Benjamin F. | Dennison, Ohio | 1903 |
| Miller, Earl G. | Carmichaels, Pa. | 1904 |
| Miller George V. | Box 107, Irwin, Pa. | 1904 |
| Miller, J. A. | Pennsboro, W. Va. | 1905 |
| Miller, Joseph R. | Carnegie, Pa. | 1903 |
| Miller, J. W. | 2604 Perrysville Ave., Allegheny, Pa. | 1905 |
| Miller, W. M. | Wellsburg, W. Va. | 1901 |
| Minton, Robert Adams. | Washington, Pa. | 1903 |
| Mohney, B. T. | Rimersburg, Pa. | 1902 |
| Mohr, George Frederic. | Freedom, Pa. | 1903 |
| Moore, J. H. | Craig and Forbes Sts., Pittsburgh, Pa. | 1902 |
| Moore, W. D. | Crafton, Pa. | 1899 |
| Morrison, R. E. | Imperial, Pa. | 1900 |
| Myers, H. H. | Fulton Building, Pittsburgh, Pa. | 1900 |
| Myers, P. N. | 902 Western Ave., Allegheny, Pa. | 1901 |
| McAlpin, John V. | Bradford, Pa. | 1904 |
| McAlpin, Kenneth N. | Butler, Pa. | 1906 |
| McAlpin, V. H. | Butler, Pa. | 1902 |
| McCandless, H. A. | Butler, Pa. | 1902 |
| McChesney, C. L. | 16 Washington Ave., Pittsburgh, Pa. | 1899 |
| McClymonds, John M. | Slippery Rock, Pa. | 1903 |
| McConnell, J. W. | McKeesport, Pa. | 1901 |
| McConnell, T. C. | Elizabeth, Pa. | 1900 |
| McCord, C. S. | Federal St., Allegheny, Pa. | 1905 |
| McCready, William A. | 5606 Penn Ave., Pittsburgh, Pa. | 1903 |
| McCue, I. C. | Johnstown, Pa. | 1905 |
| McCue, John M. | Crafton, Pa. | 1904 |
| McCullough, A. W. | 1005 Wylie Ave., Pittsburgh, Pa. | 1902 |
| McCullough, Raymond. | 225 S. Main St., Pittsburgh, Pa. | 1903 |
| McCune, H. T. | Braddock, Pa. | 1898 |
| McFarland, G. L. | Sharpsburg, Pa. | 1897 |
| McGill, C. V. | Perrysville Ave., Allegheny, Pa. | 1900 |
| McGovern, C. L. | 1826 Forbes St., Pittsburgh, Pa. | 1901 |
| McKean, G. W. | Pittsburgh Life Bldg., Pittsburgh, Pa. | 1899 |
| McKee, J. W. | Worthington, Pa. | 1899 |

McKee, William B.....Homestead, Pa. .....1906
McKelvey, C. V.....Federal St., Allegheny, Pa.....1905
McKeown, Edward I....400 Fourth Ave., Homestead, Pa.....1903
McMillin, F. B.....Fulton Bldg., Pittsburgh, Pa.....1900
McNaughton, J.....New Wilmington, Pa.....1905
McParland, Patrick V..Hamilton Ave., Pittsburgh, Pa.....1904
Nathaniel, B. .....Market St., Allegheny, Pa.....1901
Nelson, J. R.....Bessemer Bldg., Pittsburgh, Pa.....1902
Newmyer, John W.....Irwin, Pa. .....1904
O'Hara, Charles W.....Swissvale, Pa. .....1904
Old, Robert J.....Federal St., Allegheny, Pa.....1898
O'Neil, P. G.....Sixth and Grant Sts., Pittsburgh, Pa..1900
Orr. I. D.....West Newton, Pa.....1899
Orwig, D. E.....McDonald, Pa. .....1900
Orwig, Herbert S.....Wilkinsburg, Pa. .....1903
Otto, G. F.....Wheeling, W. Va.....1898
Owens, S. T.....439 Liberty Ave., Pittsburgh, Pa.....1900
Park, E. H.....Marion Center, Pa.....1905
Parks, James Bratton...Leechburg, Pa. .....1903
Patton, Isabelle B.....Wilkinsburg, Pa. .....1904
Paugh, Worth .....Philippi, W. Va.....1903
Pearce, Reese B.....Saltsburg, Pa. .....1906
Pears, J. S.....Elizabeth, Pa. .....1900
Pennington, J. A.....Fulton Bldg., Pittsburgh, Pa.....1902
Pershing, I. Robert.....218 Alex St., Greensburg, Pa.....1904
Peters, Charles E.....Fulton Bldg., Pittsburgh, Pa.....1899
Petrie, Charles Edward..McKees Rocks, Pa.....1903
Phillips, Eli C.....Belle Vernon, Pa.....1903
Phillips, J. B.....McKees Rocks, Pa.....1902
Phillips, T. A.....Canal Dover, Ohio.....1899
Pidgeon, A. H.....Houtzdale, Pa. .....1899
Pisor, M. O.....North Hope, Pa.....1905
Potter, T. F.....Beaver Falls, Pa.....1901
Proven, J. R.....McKees Rocks, Pa.....1902
Quinn, J. P.....Federal St., Allegheny, Pa.....1900
Ralston, F. A.....Avalon, Pa. .....1899
Ramsay, Arthur G.....414 Sixth Ave., Pittsburgh, Pa.....1904
Ramsay, D. S.....414 Sixth Ave., Pittsburgh, Pa.....1900
Reader, Henry Wilfred.Rochester, Pa. .....1903
Reamer, H. B.....6200 Penn Ave., Pittsburgh, Pa.....1898
Redmond, Henry H.....New Castle, Pa.....1897

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|---|---|---|
| Reichenbach, Albert | McKeesport, Pa. | 1902 |
| Rinehart, C. C. | Ford City, Pa. | 1899 |
| Robinson, F. C. | Uniontown, Pa. | 1902 |
| Robison, F. A. | State College, Pa. | 1900 |
| Robison, G. T. | Windber, Pa. | 1904 |
| Robison, John Benjamin. | Sheridan, Pa. | 1903 |
| Rodenbaugh, J. W. | Perrysville Ave., Allegheny, Pa. | 1900 |
| Roland, C. M. | McKees Rocks, Pa. | 1905 |
| Roll, G. C. | 1400 Beaver Ave., Allegheny, Pa. | 1900 |
| Roney, J. E. | West Alexandria, Pa. | 1899 |
| Rowe, Pearl Evans. | 6200 Penn Ave., Pittsburgh, Pa. | 1903 |
| Roy, R. C. | 4801 Liberty Ave., Pittsburgh, Pa. | 1902 |
| Ryland, W. H. | Grantsville, Md. | 1900 |
| Sander, F. E. | Fulton Bldg., Pittsburgh, Pa. | 1905 |
| Schade, F. A. | Sixth and Penn, Pittsburgh, Pa. | 1899 |
| Schlag, Orlo C. | 4813 Second Ave., Pittsburgh, Pa. | 1906 |
| Schlag, P. V. | Stoystown, Pa. | 1900 |
| Schoaf, Ira B. | West Newton, Pa. | 1904 |
| Schusler, P. J. | 1276 Liberty St., Franklin, Pa. | 1900 |
| Scott, J. B. | Carbon Black, Pa. | 1905 |
| Scott, J. K. | 4018 Penn Ave., Pittsburgh, Pa. | 1899 |
| Scott, James Polk. | Dunbar, Pa. | 1903 |
| Seegman, H. | 2241 Fifth Ave., Pittsburgh, Pa. | 1905 |
| Seitz, H. A. | Patton, Pa. | 1899 |
| Shade, G. F. | 5117 Keystone St., Pittsburgh, Pa. | 1902 |
| Shaffer, J. P. | Boswell, Pa. | 1900 |
| Shaulis, E. F. | Somerset, Pa. | 1905 |
| Shoemaker, Edward C. | Tyrone, Pa. | 1904 |
| Shull, Luther E. | 227 S. Morgan St., Waynesburg, Pa. | 1906 |
| Shumaker, C. S. | Beaver, Pa. | 1905 |
| Simeral, R. F. | Bellevue, Pa. | 1900 |
| Simpson, C. A. | Westinghouse Bldg., Pittsburgh, Pa. | 1899 |
| Sleppy, Reynolds M. | 1915 Beaver Ave., Allegheny, Pa. | 1904 |
| Sloan, J. H. | East Liverpool, Ohio | 1897 |
| Smith, Charles S. | Pleasant Unity, Pa. | 1904 |
| Smith, Howard Russell. | 17 W. Chestnut St., Washington, Pa. | 1903 |
| Smith, H. S. | Elizabeth, Pa. | 1905 |
| Smith, J. T. | Federal St., Allegheny, Pa. | 1899 |
| Smith, Thomas H. | Bloomington, Ill. | 1906 |
| Snyder, N. H. | Delmont, Pa. | 1897 |

Sorber, O. M.....Manila, P. I., care Chief Surgeon Philippine Division, U. S. A.....1898
South, W. H.....Washington & Fremont, Allegheny, Pa.1899
Stauffer, Sarah C. E....Lindsay, Pa. .....1903
Steen, Earl H.....Belle Vernon, Pa.....1904
Stevenson, Harold C....Nixon Bldg., Pittsburgh, Pa.....1906
Stewart, G. L.....Rural Valley, Pa.....1899
Stewart, Robert J.....Chronicle Telegraph Bldg., Pittsburgh, Pa. .....1903
Stewart, William R.....Saltsburg, Pa. .....1903
Stilley, A. M.....Hope Church, Pa.....1901
Stone, P. R.....Ben Avon, Pa.....1905
Strasser, J. E.....Leechburg, Pa. .....1900
Stroup, W. H.....Federal and North Ave., Allegheny, Pa.1905
Sugden, J. M.....Station and Larimer, Pittsburgh, Pa...1902
Swartz, E. B.....Forbes and Atwood, Pittsburgh, Pa....1901
Taggart, Miss Sue L....Lewis Block, Pittsburgh, Pa.....1902
Tannehill, R. C.....Turtle Creek, Pa.....1905
Thomas, Charles W....Rochester, Pa. .....1899
Thompson, W. C.....4800 Liberty Ave., Pittsburgh, Pa.....1902
Throckmorton, W. L...Nineveh, Pa. .....1898
Titzel, J. R.....Greenville, Pa. .....1899
Todd, I. H.....Monaca, Pa. .....1900
Toy, R. L.....Arch St., Allegheny, Pa.....1900
Urling, G. A., Jr.....Pittsburgh, Pa. .....1899
Vogel, Clyde St. Clair..Sheridanville, Pa. .....1903
Walker, J. W.....6200 Penn Ave., Pittsburgh, Pa.....1902
Walsh, Richard Aloys..Crafton, Pa. .....1903
Walthour, W. J.....McKees Rocks, Pa.....1899
Warren, D. H.....612 Chestnut St., Allegheny, Pa.....1902
Washabaugh, R. N.....Mt. Washington, Pittsburgh, Pa.....1900
Watterson, W. R.....Fulton Bldg., Pittsburgh, Pa.....1898
Waugaman, E. A.....Bellevue, Pa. .....1899
Wedell, W. S.....McKeesport, Pa. .....1901
Wehrle, G. C.....Altoona, Pa. .....1905
Wehrle, Herbert A.....1814 Sixth Ave., Altoona, Pa.....1903
Wells, J. B.....Bristoria, Greene Co., Pa.....1900
*Wells, J. O., Jr.....1901
Wells, J. S.....New Brighton, Pa.....1900

*Deceased.

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|---|---|---|
| Wells, S. S. | Zanesville, Ohio | 1905 |
| Welsh, H. J. | Ingram, Pa. | 1905 |
| Welsh, Katherine C. | 2414 Carson St., S. S., Pittsburgh, Pa. | 1903 |
| Wenrick, E. E. | Connellsville, Pa. | 1906 |
| Werts, Henry C. | 1601 Third Ave., Beaver Falls, Pa. | 1904 |
| White, Harry | Greensburg, Pa. | 1901 |
| Whitehead, C. E. | Bellevue, Pa. | 1899 |
| Wick, W. H. | Butler, Pa. | 1898 |
| Wiegering, W. P. | Youngstown, Ohio | 1902 |
| Wilhelm, E. A. | Clarion, Pa. | 1899 |
| Williams, D. N. | Fulton Bldg., Pittsburgh, Pa. | 1899 |
| Williams, George T. | Seattle, Wash. | 1903 |
| Wilson, F. B. | 5121 Butler St., Pittsburgh, Pa. | 1901 |
| Wilson, F. H. | Tarentum, Pa. | 1902 |
| Wilson, J. E. | 344 Hemlock St., Allegheny, Pa. | 1900 |
| Wise, Albert I. | Wylie Ave., Pittsburgh, Pa. | 1905 |
| Wolford, W. C. | Kittanning, Pa. | 1901 |
| Woods, J. Y. | Connellsville, Pa. | 1901 |
| Wright, B. E. | Warren, Pa. | 1899 |
| Yohe, E. L. | Monongahela, Pa. | 1899 |
| Zugsmith, Robert | Bessemer Bldg., Pittsburgh, Pa. | 1903 |

For errors in address please notify Dean.

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A. M. THOMPSON, Secretary
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